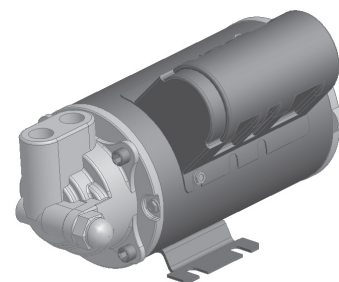


# PROCON<sup>®</sup>

## CANNED MOTOR PUMP 7000

### Specification Sheet



Motor Voltage (Frequency)	230/220 (50-60 Hz / 50-60 Hz)
Capacitor	20 µf
Phase	Single
Speed	2880 @ 50 Hz
Power	.5 HP Output Equivalent (375 Watt)
Motor Insulation Class	B; IPX4
Flow Range @ 50 Hz	46 to 440 lph
Elastomers	Nitrile, EP, Fluorocarbon, Neoprene
Maximum Inlet Water Temperature *	30°C
Maximum Operating Pressure	13.8 bar
Maximum Relief Valve Pressure	17.2 bar
Maximum Inlet Pressure	6.9 bar
Burst Pressure	68.9 bar
Maximum Dry Suction Lift for Priming with Relief Valve **	2.00 m
Maximum Ambient Air Temperature	42°C
For applications above 42°C consult the factory	
Minimum Ambient Air Temperature	4°C
For applications below 4°C consult the factory	
Minimum Inlet Water Temperature	0°C Non frozen
For applications below 0°C consult the factory	
Porting Configurations	3/8" NPT, G3/8-19 BSPP

#### Wiring Configuration - Standard

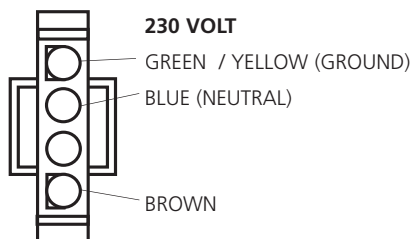
Male Plug Part # AMP 1-480702-0

Socket Part # AMP 350551-1

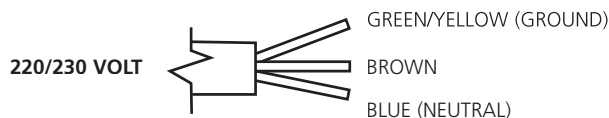
Female counterpart

Cap Part # AMP 1-480703-0

Pin Part # AMP 350552-1



#### Wiring Configuration - Alternate



\* Temperatures above 30°C have not been evaluated for ETL compliance \*\* Not recommended for normal operation

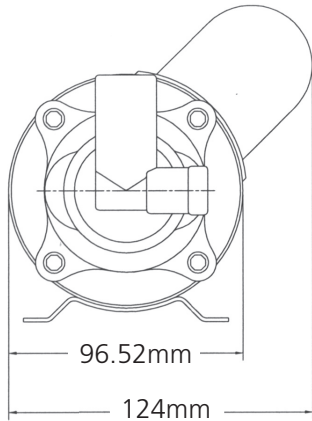
## PROCON<sup>®</sup> Products

Acragar Road, Mountmellick, Co. Laois  
Republic of Ireland

Telephone: 011-353 (502)24350  
Fax: 011-353 (502) 24744

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Telex: (852) 60019

# CMP-7000 MASTER PART NUMBER KEY



**2 1 A 1 B A J F 1 A A X 0 0 0**

**PRODUCT CLASSIFICATION**  
Z - CANNED MOTOR VANE PUMP

**AGENCY APPROVALS**  
1 - ETL, NSF, AND CE  
Z - ETL AND CE

**MOTOR POWER AND VOLTAGE**  
A - .5 HP 220/230 V 50/60 Hz  
B - .5 HP 115 V 60 Hz

**CORD TYPE:**  
1 - STANDARD AMP CONNECTOR  
Z - ALTERNATE CONFIGURATION

**CAPACITOR ROTATION ABOVE HORIZONTAL**  
B - 45°

**HOUSING MATERIAL AND PORT TYPE**  
A - ST STL 3/8 NPT  
B - ST STL 3/8 NPT PASSIVATED  
C - ST STL 3/8-19 BSPP (93/8") PORTS  
D - ST STL 3/8-19 BSPP (93/8") PORTS PASSIVATED

**FLOWRATE:**  
A - 15 GPH  
B - 25 GPH  
C - 35 GPH  
D - 50 GPH  
E - 60 GPH  
F - 70 GPH  
G - 80 GPH  
H - 100 GPH  
J - 110 GPH  
K - 125 GPH  
L - 140 GPH

**ALTERNATE CORD CONFIGURATION**  
2104 SHEET 2

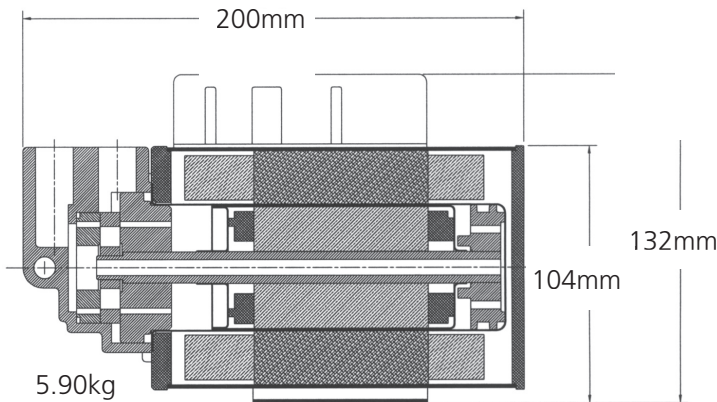
**NOT USED**  
X - RESERVED FOR FUTURE DEVELOPMENT

**PRESSURE RANGE (RELIEF VALVE SPRING): \***  
A - 151 TO 250 PSI, DEFAULT SETTING 170 PSI  
B - 100 TO 150 PSI, DEFAULT SETTING 130 PSI  
C - 80 TO 99 PSI, DEFAULT SETTING 99 PSI  
D - 30 TO 59 PSI, DEFAULT SETTING 50 PSI

**VALVE TYPE AND CONFIGURATION:**  
A - PLASTIC, HI TEMP-BYPASS  
B - PLASTIC, HI TEMP-SOLID  
C - PLASTIC, HI TEMP-BAL BYPASS  
D - PLASTIC, HI TEMP-BAL SOLID  
F - PLASTIC, HI TEMP-EXT ADJ BYPASS  
G - PLASTIC, HI TEMP-EXT ADJ SOLID

**CLEARANCES:**  
1 - STANDARD CLEARANCE

**ELASTOMER:**  
F - FDA GRADE NITRILE  
G - ETHYLENE PROPYLENE  
R - FLUOROCARBON  
S - NEOPRENE



The CMP-7000 is only available with a built-in relief valve.

## CMP PERFORMANCE (230v 50Hz) FLOW RATING AT 14 BAR

